GLOBAL HOUSING TECHNOLOGY CHALLENGE - INDIA

Ministry of Housing and Urban Affairs
Government of India
सत्यमेव जयते

प्रधान मंत्री
आवास योजना–शहरी
Pradhan Mantri Awas Yojana-Urban

Actual photo of PMAY(U) project in Udaipur, Rajasthan

ANNOUNCING
The Global Housing
Technology Challenge -
India

Actual photo of PMAY(U) project in Balotra, Rajasthan

Announcing The Global Housing Technology Challenge - India

The Government of India launched the Pradhan Mantri Awas Yojana in June 2015. This is one of the largest public housing programs in the world, with the goal of providing affordable and quality houses to over 12 million families by 2022, the 75th anniversary of the country's Independence. To achieve this target over the next five years, the country will need to deploy innovative designs, efficient technologies and delivery mechanisms at an unprecedented scale – requiring a disruption of 'business as usual' and the embrace of the new.

The Global Housing Technology Challenge – India is an initiative of the Ministry of Housing & Urban Affairs, Government of India which seeks to identify cost-effective and speedy construction technologies. These technologies with the capability to provide maximum number of houses in minimum time and cost would be mainstreamed into the local construction industry and piloted across different climatic conditions of the country. The Ministry is in the final stages of devising this unique competition that would invite proposals from both innovators with proven and tested technologies as well as newly incubated solutions.

Winners would be selected on the basis of a range of criteria, including performance metrics, compliance with standards (Indian or international) and user experience. The shortlisted proven technologies would be provided with the opportunity to execute pilot projects at pre-selected sites in different locations in the country and will receive wide publicity and exposure through an Exhibition cum Expo. These technologies would also be incorporated into the official codes of the Government of India with support from the Building Materials and Technologies Promotion Council, the Government of India's official arm for promoting innovation in building construction.

Subsequent to the official launch of the Global Housing Technology Challenge - India, the Ministry of Housing & Urban Affairs would invite the participation of consortia comprising promoters & developers, construction companies, housing boards, research organizations as well as cutting-edge innovators and early-stage entrepreneurs, to submit proposals in a prescribed format for consideration by a reputed Jury.

What is the challenge's aim?

The challenge aims to bring to the Indian market innovative technologies that allow for speedier and cost-effective construction, maximising the number of dwelling units provided, whilst ensuring safety, sustainability, liveability, desirability, adaptability, and scalability.

Who can participate in the challenge?

The challenge would offer two tracks for participation. The first would seek to identify and pilot proven and market-ready technologies in the country. This would hence be suitable for participation by consortia consisting of technology providers and promoters, builders and developers, housing boards, research agencies, and other such organizations, who can, on being shortlisted in the competition construct the homes on ground and illustrate the merits of the technologies.

The second track would facilitate the advancement of innovative solutions that need incubational support to be viable, and hence would be suitable for participation by start-ups and young entrepreneurs, research agencies, academic institutions and other similar organizations.

In addition to the above, the challenge would also engage with stakeholders in the Indian housing sector through knowledge sharing events and capacity building opportunities.

What is the prize?

Successful shortlisted participants in the first track would receive an opportunity to pilot their technologies through actual housing projects sited across the country, and receive support towards the certification and standardization of their technologies in India.

Successful participants in the second track would receive seed funding, along with mentoring and incubation opportunities with leading institutions.

When will the challenge be launched?

The challenge is being detailed out currently and is expected to launch shortly.

How can I participate in the challenge?

Participation details will be announced upon the launch of the challenge.

Where can I learn more about the challenge?

Details of the challenge will be progressively updated on smartnet.niua.org

Actual photo of PMAY(U) project in Surat, Gujarat

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